POWER YOUR FUTURE

SDEC Generator LG360SD

6ETAA12.8-G31

Prime Power: 360KW/450KVA

Standby Power: 396KW/495KVA



GENERATING POWER SOLUTIONS

Increased availability for new operations

Reliable, robust and versatile generator. Ready to deliver power for a next job.

Increased uptime during operations

Once installed on the end-user-site, the generator will be ready to run: "peace of mind" operation.

Reduced transport and installation costs

The compact and robust design with integrated transport features enables faster and safer transport and installation.

Reduced service & maintenance costs

Longer service intervals.

Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.

/\ SAFETY

- Operate safely in accordance with proper operation manual.
 To prevent trouble and accidents perform daily and preventive
- maintenance checks without fail.

SDEC Series 28KVA--1000KVA



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Alternator

Technical Data

Model		LG360SD
Rated prime power	kva	450
Rated standard power	kva	495
Rated voltage line to line	V	400/230
Rated current	Α	650
Maximun sound level	dB(@7m)	100

Engine-SDEC HDE		
Model	6	ETAA12.8-G31
Aspiration	Inline, four stroke	s, four valves, water cooled, pressurized air coole
Fuel system		BOSCH
No. cylinders		6 in line
Displacement	Liquid	12.8
Bore*Stroke	mm	130*161
Compression ratio		17:1
Rated speed	r/min	1500
Rated net power(with fan)	Kw	401
Governor type		ECU
Start Motor	V	24V×5.5kW

Exhause System		
Exhause gas flow	m³/min	/
Exhause gas temp	${}^{\mathbb{C}}$	600
Max back pressure	kPa	10

Aspiration System		
Max inlet pressure	kPa	6
Air flow	m³/min	/
Fan consumption	KW	15

Fuel System		
100% load(Prime power)	L/h	99.1
75% load(Prime power)	L/h	72.3
50% load(Prime power)	L/h	48.0
Fuel tank capacity	L	780

Lubrication System		
Oil capacity	L	36
Oil consumption	g/kwh	≤4
Lub. Method		1
(continuous operation)		

Cooling System		
Coolant capacity	L	23
Thermostat operation range	$^{\circ}\!\mathbb{C}$	82-95
Max water temperature	$^{\circ}\!\mathbb{C}$	104

LG360SD

Model LONGKAI LK544B
STAMFORD HCI544C-S4L1D-G41

Phase		3
Voltage	V	400/230
Wiring Type	3 Ph	ase 4 wire, Y type
Bearing		1
Power factor		8.0
Frequency	Hz	50
Prime power	KW	330
Exciter Type	Brushle	ess, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H/H
Altitude	m	≤1000

Controller-DEEPSEA

Model DSE6120MK3

Protective functions:

- Low oil pressure
- High water temperature
- High/low voltage
- High Engine Temperature and Overspeed.
- Voltage regulator frequency regulator
- Emergency stop
- Start failure



Control Module Options





- Auto generator control module
- ■Control module with" Three Remote Control" functions
- ■ATS auto load transfer screen
- Synchronising control modules
- ■Power output cabinet

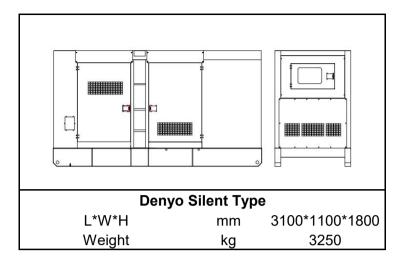
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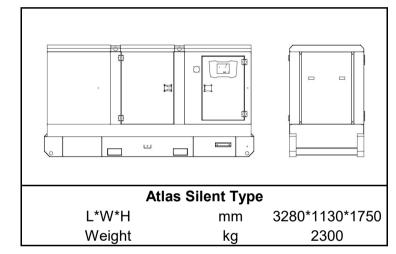


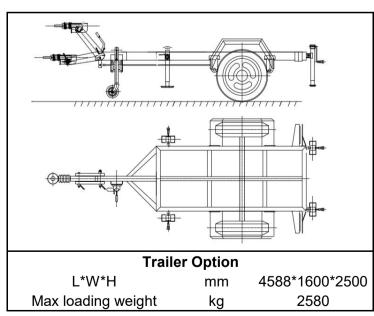
Standard Features

Engine(SDEC)
Radiator 50°C max,fans are driven by bel
24V charge alternator
Alternator: single bearing alternator IP23,
insulation class H/H
Standard auto control system
One set of air filter, fuel filter, oil filter
Main line circuit breaker/MCCB
Base fuel tank
Two 24V batteries, rac and cable
Exhaust system(Ripple flex exhaust pipe,
exhaust siphon, flange, muffler
User manual

Unit Dimensions(Basic unit)







Options

Options		
Battery charge		0
Engine heater		\circ
Alternator heater		\circ
PMG		\bigcirc
Water oil separator		\bigcirc
Daily fuel tank		\bigcirc
Remote control panel		\bigcirc
Automatic transfer switch/AT	S	\bigcirc
Switch box		\circ
Standard: ●	Options:0	

Warranty*

SDEC Engine

24 months from date of purchase and 3000 hours.

Generator

12 months from date of purchase or 1000 hours (whichever occurs first).

